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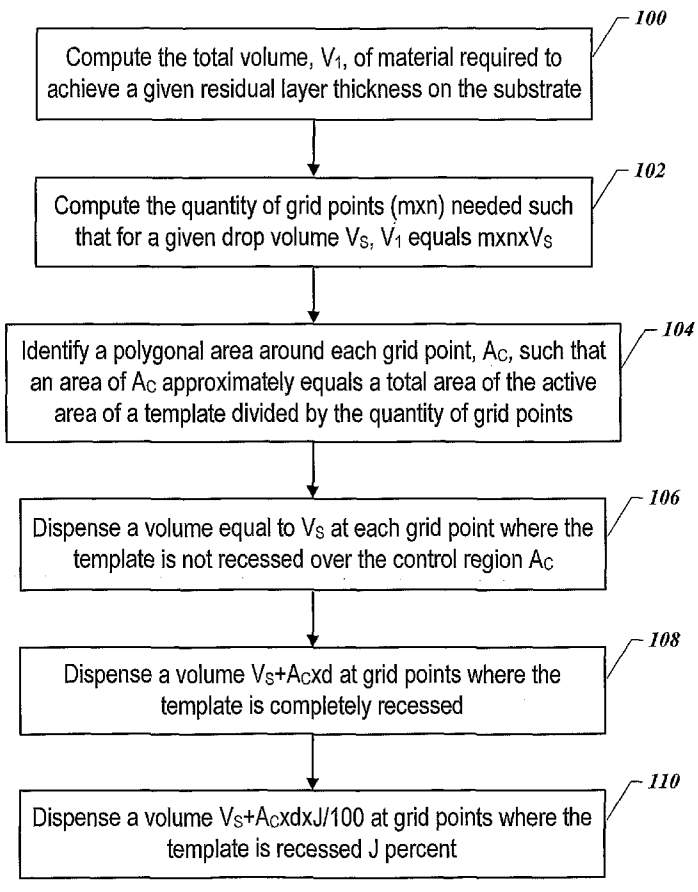
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[Continued on next page]

(54) Title: FLUID DISPENSING AND DROP-ON-DEMAND DISPENSING FOR NANO-SCALE MANUFACTURING



(57) Abstract: The present invention is directed to a method for dispensing a total volume of liquid on a substrate, the method including, *inter alia*, disposing a plurality of spaced-apart droplets on a region of the substrate, each having an unit volume associated therewith, with an aggregate volume of the droplets in the region being a function of a volume of a pattern to be formed thereat.

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